

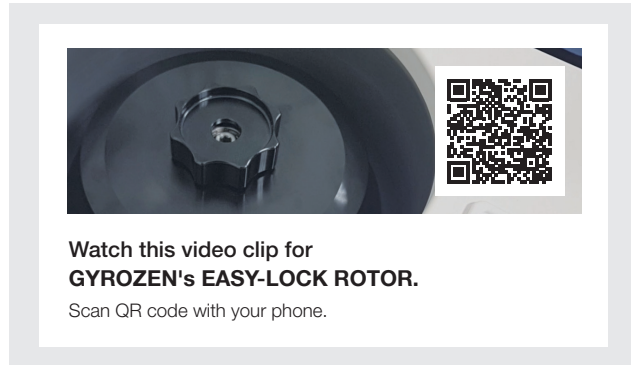
Features



Convenient and intuitive control interface with parameter settings through touch type numeric key input



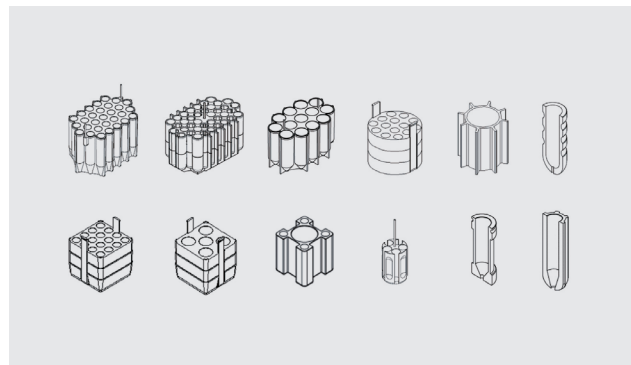
International standards products



One-step twist locking for easy sample loading and unloading (Micro centrifuge only)



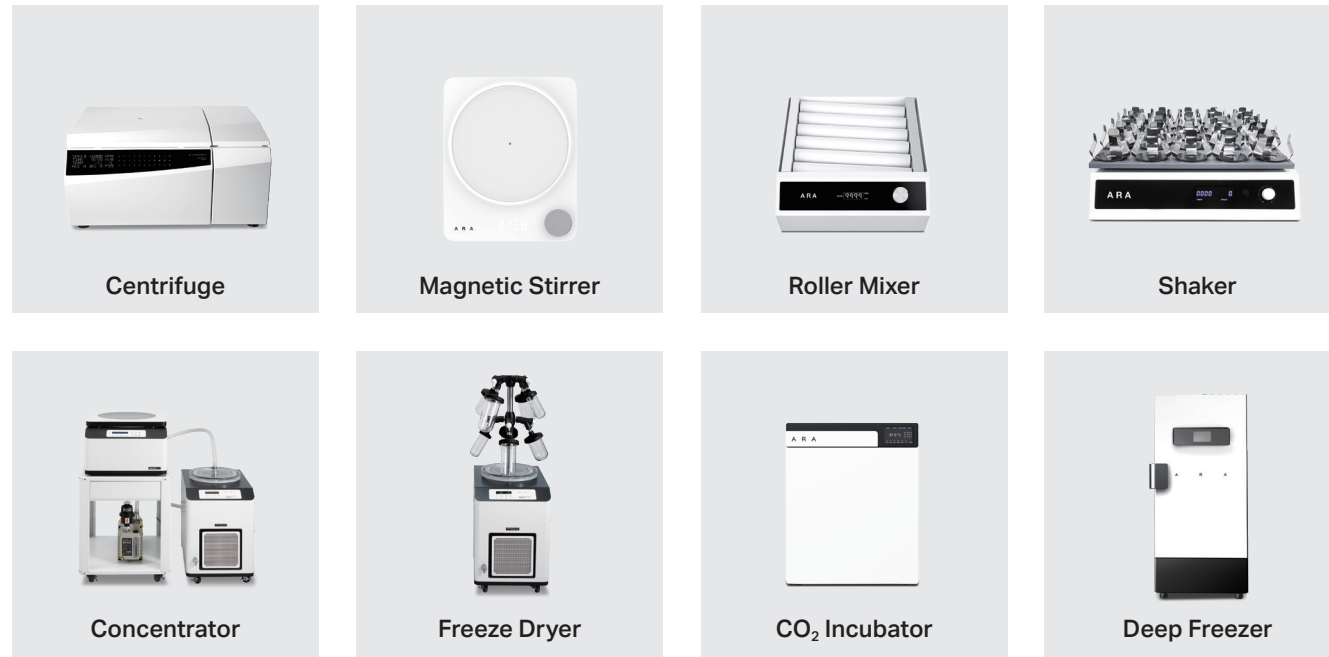
Aerosol tight, **Bio-Safe** micro-rotors and buckets certified by Porton Down, Public Health UK or in-house validated.



Wide range of tube adapters and racks



Easy to clean medical grade stainless steel chamber & UV resistant painting



QUALITY
RELIABILITY
VALUE

www.gyrozen.com

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BC-G-22-01 Rev11-18

GYROZEN

PRODUCT OVERVIEW

CENTRIFUGE



QUALITY | RELIABILITY | VALUE

GYROZEN

A WIDE SPECTRUM FOR ALL APPLICATIONS

FEATURED FUNCTIONS

- IMBALANCE CUTOFF**
Imbalance detection & automatic cutoff stop
- MOTORIZED LID**
Soft touch lid closure
- ROTOR ID**
Automatic rotor recognition
- SHORT SPIN (PULSE)**
Quick run while pressed
- TIME MODE SELECTION**
Selectable time count from starting or set speed
- ACC/DEC RATE CONTROL**
Controllable acceleration (9 steps) & deceleration (10 steps) speed rate
- SOFT START/STOP**
Minimize sample turbulence (416 only)
- NUMBER OF PROGRAMS**
Number of custom-programmed conditions
- FAST COOLING**
Fast Cooldown to 4°C (R models only)
- EASY LOCK ROTOR LID**
One-step click action to close the rotor lid (Micro centrifuge only)
- ONE STEP ROTOR LOCKING**
Direct fastening of fixed angle rotor to motor shaft through protruding bolt of a lid (1696R only)
- PASSWORD PROTECTION**
Suitable for multi-user environments (2236R only)



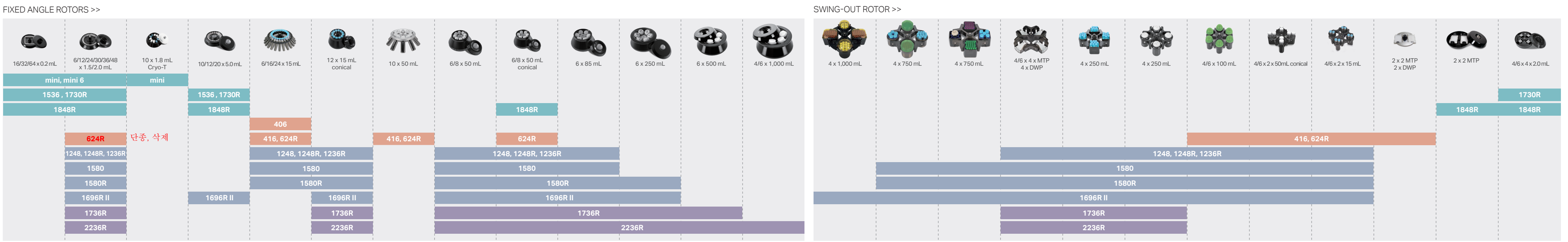
MICRO CENTRIFUGES

mini 6 Compact quick spinner 150(w) x 150(d) x 90(h) mm 0.65 kg FIXED ANGLE ROTOR MAX 6,500 rpm MAX 2,234 xg 2 x 8-tube PCR strip 6 x 2.0 mL	mini Personal microcentrifuge 208(w) x 245(d) x 145(h) mm 4.4 kg FIXED ANGLE ROTOR MAX 13,500 rpm MAX 12,300 xg 4 x 8-tube PCR strip 10 x 1.8 mL cryotube 12 x 2.0 mL	1536 Medium throughput microcentrifuge 240(w) x 378(d) x 240(h) mm 11.9 kg FIXED ANGLE ROTOR MAX 15,000 rpm MAX 21,583 xg 4 x 8-tube PCR strip 36 x 2.0 mL 10 x 5.0 mL	1730R Medium throughput refrigerated microcentrifuge 310(w) x 620(d) x 265(h) mm 43 kg FIXED ANGLE ROTOR MAX 17,000 rpm MAX 27,237 xg 8 x 8-tube PCR strip 18 x 2.0 mL filter tubes 36 x 2.0 mL 12 x 5.0 mL	1848R High throughput refrigerated microcentrifuge 380(w) x 654(d) x 312(h) mm 53.5 kg SWING-OUT ROTOR MAX 13,000 rpm MAX 16,343 xg 4 x 4 x 2.0 mL	1848R High throughput refrigerated microcentrifuge 380(w) x 654(d) x 312(h) mm 53.5 kg FIXED ANGLE ROTOR MAX 18,000 rpm MAX 30,536 xg 8 x 8-tube PCR strip 48 x 2.0 mL 20 x 5.0 mL 12 x 15 mL conical 8 x 50 mL conical	1848R High throughput refrigerated microcentrifuge 380(w) x 654(d) x 312(h) mm 53.5 kg SWING-OUT ROTOR MAX 13,000 rpm MAX 16,438 xg 6 x 4 x 2.0 mL 2 x 2 x MTP*
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LOW-SPEED CENTRIFUGES

406 Basic air ventilated low speed centrifuge 296(w) x 412(d) x 206(h) mm 17.5 kg FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,075 xg 12 x vacuum tube 6 x 15 mL 6 x 15 mL conical	416 Compact air ventilated low speed centrifuge 375(w) x 480(d) x 260(h) mm 19.5 kg FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,700 xg 16 x vacuum tube 16 x 15 mL 16 x 15 mL conical 4 x 3 x 15 mL conical 10 x 50 mL 10 x 50 mL conical	624R Compact refrigerated low speed centrifuge 584(w) x 535(d) x 317(h) mm 65 kg SWING-OUT ROTOR MAX 4,000 rpm MAX 2,826 xg 2 x 2 x MTP 2 x DWP 4 x 8 x vacuum tube 4 x 3 x 15 mL conical 4 x 2 x 50 mL 4 x 2 x 50 mL conical 4 x 100 mL	624R Compact refrigerated low speed centrifuge 584(w) x 535(d) x 317(h) mm 65 kg FIXED ANGLE ROTOR MAX 6,000 rpm MAX 3,960 xg 24 x vacuum tube 24 x 15 mL 24 x 15 mL conical 10 x 50 mL 10 x 50 mL conical	624R Compact refrigerated low speed centrifuge 584(w) x 535(d) x 317(h) mm 65 kg SWING-OUT ROTOR MAX 4,800 rpm MAX 3,888 xg 2 x 2 x MTP 2 x DWP 4 x 8 x vacuum tube 4 x 3 x 15 mL conical 4 x 2 x 50 mL 4 x 2 x 50 mL conical 4 x 100 mL
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ROTORS OF GYROZEN CENTRIFUGES >



* MTP: Micro Titer Plate
* DWP: Deep Well Plate

MULTI-PURPOSE CENTRIFUGES

1248/1248R/1236R Medium throughput multi-purpose centrifuge (air ventilated / refrigerated) 475(w) x 561(d) x 330(h) mm 40 kg FIXED ANGLE ROTOR MAX 12,000 rpm MAX 16,582 xg ^{FR} MAX 15,520 xg 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL	1248R Medium throughput multi-purpose centrifuge (air ventilated / refrigerated) 655(w) x 620(d) x 355(h) mm 78 kg FIXED ANGLE ROTOR MAX 12,000 rpm MAX 16,582 xg ^{FR} MAX 15,520 xg 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL	1236R Medium throughput multi-purpose centrifuge (air ventilated / refrigerated) 473(w) x 620(d) x 830(h) mm 110 kg SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 4 x 4 x MTP 4 x DWP 4 x 12 x vacuum tube 4 x 12 x 15 mL 4 x 9 x 15 mL conical 4 x 3 x 50 mL conical 6 x 100 mL 4 x 250 mL	1580/1580R High throughput multi-purpose centrifuge (air ventilated / refrigerated) 540(w) x 650(d) x 380(h) mm 57 kg FIXED ANGLE ROTOR MAX 15,000 rpm MAX 25,910 xg ^{FR} MAX 24,249 xg 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL (FR) (FR* only for 1580R)	1580R High throughput multi-purpose centrifuge (air ventilated / refrigerated) 770(w) x 650(d) x 390(h) mm 93 kg SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 4 x 4 x MTP 4 x DWP 4 x 21 x vacuum tube 4 x 20 x 15 mL 4 x 16 x 15 mL conical 4 x 5 x 50 mL conical 6 x 100 mL 4 x 250 mL 4 x 500 mL 4 x 750 mL	1696R II Highest throughput refrigerated multi-purpose centrifuge 775(w) x 695(d) x 395(h) mm 132 kg FIXED ANGLE ROTOR MAX 16,000 rpm MAX 27,590 xg 48 x 2.0 mL 20 x 5.0 mL 12 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL	1696R II Highest throughput refrigerated multi-purpose centrifuge 775(w) x 695(d) x 395(h) mm 132 kg SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 4 x 6 MTP 4 x DWP 4 x 38 x vacuum tube 4 x 29 x 15 mL 4 x 29 x 15 mL conical 4 x 13 x 50 mL conical 6 x 100 mL 4 x 2 x 250 mL 4 x 500 mL 4 x 750 mL 4 x 1,000 mL
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HIGH CAPACITY, HIGH-SPEED CENTRIFUGES

1736R High speed, compact refrigerated centrifuge 475(w) x 620(d) x 830(h) mm 110 kg FIXED ANGLE ROTOR MAX 17,000 rpm MAX 32,310 xg 30 x 2.0 mL 12 x 15 mL 12 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL 6 x 500 mL	1736R High speed, compact refrigerated centrifuge 475(w) x 620(d) x 830(h) mm 110 kg SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 4 x 4 MTP 4 x DWP 4 x 12 x vacuum tube 4 x 12 x 15 mL 4 x 9 x 15 mL conical 4 x 3 x 50 mL conical 4 x 250 mL	2236R High speed, high capacity centrifuge for multi-users core facilities 824(w) x 634(d) x 1,049(h) mm 240 kg FIXED ANGLE ROTOR MAX 22,000 rpm MAX 54,111 xg 30 x 2.0 mL 12 x 15 mL 12 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL 6 x 500 mL 6 x 1,000 mL	2236R High speed, high capacity centrifuge for multi-users core facilities 824(w) x 634(d) x 1,049(h) mm 240 kg SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 4 x 4 MTP 4 x DWP 4 x 12 x vacuum tube 4 x 12 x 15 mL 4 x 9 x 15 mL conical 4 x 3 x 50 mL conical 4 x 250 mL
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